

### Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

Claim 1 (currently amended): Adhesive application station (14) for binding stacked printed products (10) by means of a liquid or liquefiable adhesive (52); where the application station (14) comprises an adhesive discharge system (15) comprising:

- (1) an application head (12) for the adhesive (52) with a slip surface (16) for the printed products (10), and an application nozzle (42) extending over the entire width (g) of the slip surface (16) with at least one elongated outlet opening (20) for the adhesive;
- (2) an adhesive reservoir (50) that is formed as a pressure chamber; and
- (3) means (54, 56, 58, 64) for generating a pressure in the adhesive reservoir (50) for adhesive application,

~~the improvement comprising:~~ the adhesive discharge system (15) further comprises,

immediately adjacent to and extending along the outlet opening (20), a metering shaft of a metering device (44, 45) , ~~which can be sealed by an actuator (130) and which, with the adhesive reservoir (50) formed as a pressure chamber and an integral accumulator (54), forms a pressure compensation system, where~~

~~inside the accumulator (54) arranged proximate the application head (12) is formed means for acting directly on the adhesive reservoir (50), whereby after each adhesive discharge an automatic pressure compensation is guaranteed~~  
which comprises at least one shaft opening (46, 47) and which, by means of an actuator (130), is rotatable and/or longitudinally movable between a rest position, in which the metering shaft tightly seals the outlet opening (20) and at least one working position, in which the at least one shaft opening (46, 47) connects the adhesive reservoir (50) with the outlet opening (20).

Claim 2 (currently amended): Adhesive application station (14) according to claim 1, wherein ~~the~~ an metering device (44, 45) and the inside of the outlet openings 20 form a tight-fitting, airtight seal.

Claim 3 (original): Adhesive application station (14) according to claim 1, wherein the outlet opening (20) is between about 0.1 to 5 mm, deep.

Claim 4 (currently amended): Adhesive application station (14) according to claim 1, wherein the outlet opening (20) consists of an outlet slot (20) extending substantially over the entire width (g) of the slip surface (16) for the printed products (10) or where the outlet opening (20) consists of a plurality of outlet openings together extending substantially over the entire width (g) of the slip surface (16) for the printed products (10).

Claim 5 (currently amended): Adhesive application station (14) according to claim 1, wherein the ~~metering device (44, 45) is~~

~~formed as a rotatable and longitudinally movable metering shaft (44) with an opening (46, 47) running diagonally~~  
shaft opening (46) of the rotatable metering shaft is a slot that is running diagonally through and extending along the metering shaft.

Claim 6 (currently amended): Adhesive application station (14) according to claim 1, wherein the ~~metering device (44, 45) is formed as a longitudinally movable metering body (45) and has several longitudinal channels (134), and the outlet openings (20) are formed as slots interrupted by webs (136)~~  
shaft openings (47) of the longitudinally movable metering shaft are formed as channels (134), that are moveable, in the rest position of the metering shaft, under webs (136) that interrupt the outlet opening (20).

Claim 7 (currently amended): Adhesive application station (14) according to claim 1, wherein ~~in the accumulator (54) are formed means acting on the means (54, 56, 58, 64) for generating a pressure in the adhesive reservoir (50) are selected from the group consisting of pneumatic means, hydraulic means, electromagnetic means and mechanical means.~~

Claim 8 (currently amended): Adhesive application station (14) according to claim 7, wherein ~~a pressure cylinder (56) acts by means of the accumulator (54) by way of a plunger (58), directly on the adhesive (52) in the adhesive reservoir (50)~~  
the means (54, 56, 58, 64) for generating a pressure in the adhesive reservoir (50) comprise an integral accumulator (54) with a preliminary chamber (64) that is set under pressure, preferably in the range from 0.7 to 0.8 bar, by means of a pressure medium, that is guided into the preliminary chamber

(64) and that acts on a pressure cylinder (56) that acts by means of a plunger (58) directly on the adhesive (52) in the adhesive reservoir (50) in order to provide automatic compensation for pressure changes in the adhesive reservoir (50) caused by discharge of adhesive.

Claim 9 (original): Adhesive application station (14) according to claim 1, wherein in one of the application head (12) and adhesive reservoir (50) is arranged at least one sensor-controlled heating cartridge (102).

Claim 10 (original): Process for operation of an adhesive application station (14) according to any one of claims 1 to 9, comprising passing all the adhesive from the reservoir to the outlet opening (20) without contacting the adhesive with air.

Claim 11 (new): Adhesive application station (14) for binding stacked printed products (10) by means of a liquid or liquefiable adhesive (52), where the application station (14) comprises an adhesive discharge system (15) comprising:

(1) an application head (12) for the adhesive (52) with a slip surface (16) for the printed products (10), and an application nozzle (42) extending over the entire width (g) of the slip surface (16) with at least one outlet opening (20) for the adhesive;

(2) an adhesive reservoir (50); and

(3) means (54, 56, 58, 64) for generating a pressure in the adhesion reservoir (50) for adhesive application,

the improvement comprising:

the adhesive discharge system (15) further comprises, immediately adjacent to the outlet opening (20), a metering device (44, 45) which can be sealed by an actuator (130) wherein

the metering device (44, 45) and an inside of the outlet opening form a tight-fitting, airtight seal, the metering device, with the adhesive reservoir (50) formed as a pressure chamber and an integral accumulator (54), forms a pressure compensation system, where the means for generating the pressure in the adhesive reservoir (50) is formed inside the accumulator (54) and arranged proximate the application head (12), whereby after each adhesive discharge an automatic pressure compensation is guaranteed.

Claim 12 (new): Adhesive application station (14) for binding stacked printed products (10) by means of a liquid or liquefiable adhesive (52), where the application station (14) comprises an adhesive discharge system (15) comprising:

- (1) an application head (12) for the adhesive (52) with a slip surface (16) for the printed products (10), and an application nozzle (42) extending over the entire width (g) of the slip surface (16) with at least one outlet opening (20) for the adhesive;

- (2) an adhesive reservoir (50); and

- (3) means (54, 56, 58, 64) for generating a pressure in the adhesion reservoir (50) for adhesive application,

the improvement comprising:

the adhesive discharge system (15) further comprises, immediately adjacent to the outlet opening (20), a metering device (44, 45) which can be sealed by an actuator (130) and which, with the adhesive reservoir (50) formed as a pressure chamber and an integral accumulator (54), forms a pressure compensation system, where the means for generating the pressure in the adhesive reservoir (50) is formed inside the accumulator (54) and arranged proximate the application head (12), whereby after each adhesive discharge an automatic pressure compensation

is guaranteed, wherein the metering device (44, 45) is formed as a longitudinally movable metering body (45) and has several longitudinal channels (134), and the outlet openings (20) are formed as slots interrupted by webs (136).